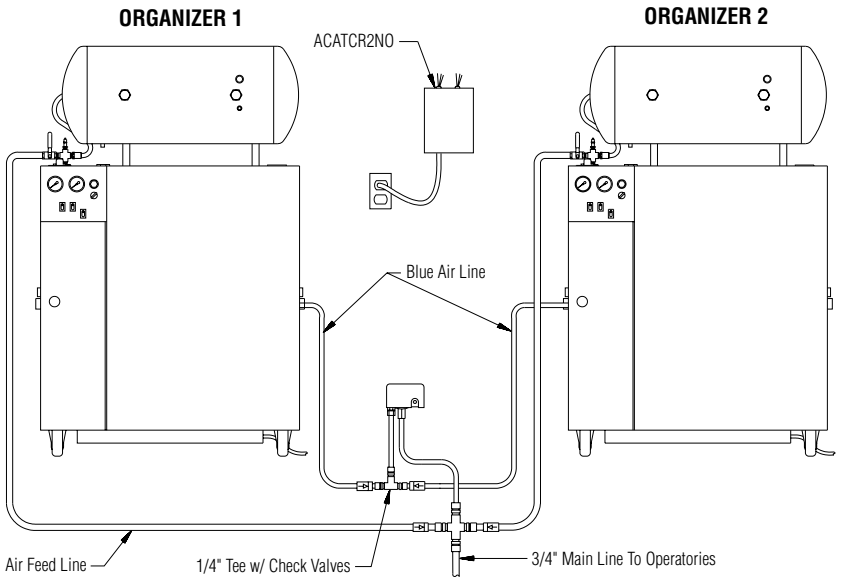
Installation Instructions

Organizer-Tandem Compressor Operation Kit



Description:

The simultaneous operation of two Organizer compressor systems' connected to a common operatory supply line, requires the installation of a Organizer Tandem Compressor Operation Kit, ACATCR2NO. Tandem compressor operation (starting/stopping) is achieved using a common or main pressure switch wired into the low voltage control system on the switch panels.

Plumbing Installation:

1. Install the system pressure switch in the main line going to the operatories as illustrated.
2. Run the 3/8" flexible hose from each compressor to the cross on the main system pressure switch.
3. Install a piece of 1/4"copper tubing from pressure switch to the supplied 1/4" tee manifold.
4. Disconnect the 1/4" copper tubing on each compressor at the outlet of the coalescing filter and run new 1/4" blue hose from each compressor to the check valve sides of the 1/4" tee manifold (Fig. 1).

Wiring Installation:

1. Route two conductor cord through side panel on each corresponding Organizer unit.
2. Use existing and/or supplied wire nuts to patch cord into Organizer switch panel. Detach the Red and Blue wires that are connected together behind the Air switch on the control panel of the unit. Attach the white wire from the cord to the blue wire behind switch. Attach the black wire to the Red wire behind switch. Repeat for the second Organizer unit.
3. Remove cover on each pressure switch on the compressors and adjust the pressure setting **clockwise three full turns minimum** so that the only pressure switch operating the system is the main system pressure switch located in the main pressure line supplying the operatories.
4. Plug Tandem Kit into 115V outlet, after mounting on wall.
5. Start compressors via the remote control switch and adjust the system pressure switch to start at 80 PSI and stop at 100 PSI.

Warranty Information: 90 Days

All ADP accessories are thoroughly inspected and tested in accordance with rigid specifications and standards. Our accessories are guaranteed against any defective material and workmanship from the date of shipment; provided that the installation, operation and maintenance is done in accordance with ADP procedures as outlined in our Installation and Maintenance Guides. Warranty cards must be returned to ADP within ten days of installation to effect warranty. No other warranties or guarantees, expressed implied are made.

ADP's obligation under the warranty is to provide parts for the repair or, at its options, to provide the replacement product (excluding labor). All special incidental and/or consequential damages are excluded. We will not issue credit for accessories without first attempting to correct the problem in the field. Written notice of breach of warranty must be given to ADP within the warranty period. The warranty does not cover damage resulting form improper installation or maintenance, accident or misuse. The warranty does not cover damage resulting from the use of cleaning, disinfecting or sterilizing chemicals and processes. Failure to follow instructions provided in ADP's Installation and Maintenance Guides may void the warranty.

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